CENDI

Federal STI Managers' Group

Presented by

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Executive Director, CENDI Secretariat

Summer 2007

What is CENDI?

- **Interagency group of senior federal STI managers who agree to cooperate by**
  - **Exchanging information and ideas**
  - **Sharing resources**
  - **Undertaking joint initiatives**
  - **From policy to standards to operations**
- **Member agencies manage over 97% of the annual federal R&D budget**

CENDI's Vision

Federal STI agencies will have a cooperative *enterprise* where capabilities are shared and challenges are faced together so that the sum of the accomplish-ments is greater than each individual agency can achieve on its own.

CENDI's Mission

CENDI's mission is to help improve the productivity of federal science- and technology-based programs through effective scientific, technical, and related information support systems.

In fulfilling its mission, CENDI agencies play an important role in addressing science- and technology-based national priorities and strengthening U.S. competitiveness.

CENDI Goals

1. **STI *Coordination and Leadership:*** Provide coordination and leadership for information exchange on important STI policy issues.

2. ***Improvement of STI Systems:*** Promote the development of improved STI systems through the productive interrelationship of content and technology.

3. ***STI Understanding:*** Promote better understanding of STI and STI management.

CENDI Membership

An interagency group composed of senior STI managers:

- 12 major programs
- 3 independent agencies
- 7 cabinet departments
- 2 legislative branch agencies

CENDI began with four agencies and took it's name from the beginning letter of each member agency:

COMMERCE – National Technical Information Service (NTIS)

ENERGY **–** Office of Scientific and Technical Information (OSTI)

NASA – Scientific and Technical Information Program (STI)

DEFENSE **–** Defense Technical Information Center (DTIC)

I NFORMATION

What's in a Name?

With the addition of other agency memberships -- the National Libraries of Agriculture, Education and Medicine, the Department of Interior's USGS Biological Resources Discipline, the National Archives and Records Administration, the Environmental Protection Agency's offices of Environmental Information and Research and Development, the Government Printing Office, the National Science Foundation, and, most recently, the Library of Congress --the acronym can no longer be made to fit the member-alpha strategy. However, CENDI chose to retain the name by which it has long been known.

CENDI is a well recognized leader as

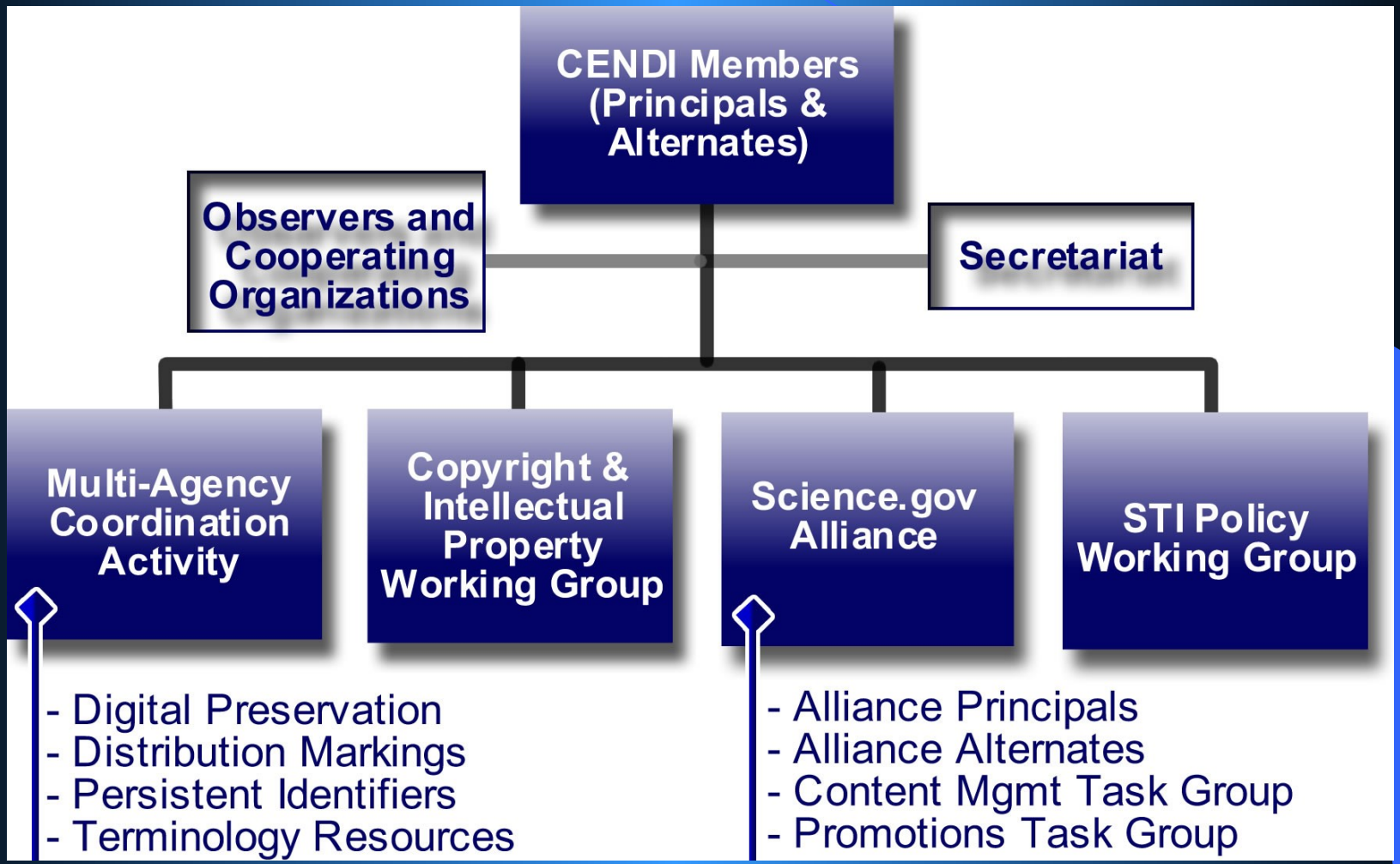
CENDI ~ The Federal STI Managers Group

Agency Challenges

- Budget
- Personnel needs
- Specialized expertise
- Access to contractors
- Technology change
- Increasing user expectations
- Policy directions
- Administrative requirements

CENDI Priority Areas

- Continued development of Science.gov
- Implementation of E-government Act
- Digital archiving, access and preservation
- Involvement in federal STI policy - access, intellectual property, privacy and security, data quality, etc.
- Web metrics and evaluation
- Review of key technologies
- Persistent identifiers
- IT Security


CENDI Members (Principals & Alternates)
Observers and Cooperating Organizations
Secretariat
Multi-Agency Coordination Activity
Copyright & Intellectual Property Working Group
Science.gov Alliance
STI Policy Working Group
- Digital Preservation
- Distribution Markings
- Persistent Identifiers
- Terminology Resources
- Alliance Principals
- Alliance Alternates
- Content Mgmt Task Group
- Promotions Task Group

The Current Environmental Context for CENDI

Technology

Public Interest

President's Management Agenda

Homeland Security

Other Players

CENDI

OSTP

SIIA

OMB

Congress

CIO's

CENDI Planning Themes Set The Stage

2008 ~ Complexity and Organizational Transformation

2007 ~ Federal STI: Changing Roles and Requirements
2006 ~ Knowledge Discovery and Meeting New Expectations
2005 ~ The Power of Cooperation: Collective Action for Mutual Benefit
2004 ~ New Strategies and Operating Models for Federal STI Managers:
E-government / E-science
2003 ~ Striking Balances: STI Requirements and Response
2002 ~ Creating the Next Generation: How CENDI Can Have an Impact in the New Environment
2001 ~ Designing an STI Architecture: Where Content and Technology Meet
2000 ~ 2020 Vision -- 2000 Realities
1999 ~ The Virtual STI Enterprise: Completing the Connections
1998 ~ Enterprise Networking and STI Futures
1997 ~ Changing STI Management in a Networked Environment
1996 ~ Opportunity in Change
1995 ~ Changing Missions -- Changing Technologies
1994 ~ Building a Digital Information Network

CENDI Regular Meetings

Agenda for June 6, 2006

9:00 am **Welcome and Introductions - Walter Warnick, DOE/OSTI Director, CENDI Chair**

STRATEGIC CHALLENGES AND OPPORTUNITIES

INVITED SESSION

9:15-11:15 am

AMAZOOGLE:
Information Management ~ Flattened and Turned Inside Out
Lorcan Dempsey, Vice President and Chief Strategist, OCLC
OCLC

Coalition for Networked Information:
Key Issues and Opportunities
Clifford Lynch, Executive Director
Coalition of Networked Information

cni
Coalition for Networked Information

11:15 am NAL Showcase - Introductions by Peter Young and Eleanor Frierson
National Digital Library for Agriculture (NDLA), Web Migration, Voyager-Relais, National Agricultural Library Digital Repository (NALDR), Prestele Exhibit
12:15-1:15pm Group Lunch

CENDI Workshops

- ***Upcoming ~ Workshop on Production Measures and Jointly-sponsored workshop with NFAIS on "The Search Imperative: It's Changing Nature, Continuing Impacts"***
- **Visualization of Text Workshop**
- **2006 AAAS Symposium on Long-lived Data**
- **XML Security Issues**
- **PDF in the Government Environment**
- **Terminology Resources**
- **Persistent Identifiers**
- **XML Basics**
- **Intrusion Detection**
- **Business Continuity and Disaster Recovery**
- **Managing and Preserving Electronic Resources: The OAIS Reference Model**
- **PKI and Digital Signatures**
- **Evaluating Our Web Presence: Challenges, Metrics**

CENDI Projects and Publications

- **Science.gov –** ***preparing for launch of Version 4***
- **Copyright FAQs-** ***with periodic updates***
- **Multiple Persistent Identifier Resolution: An Analysis of Approaches**
- **Formats for Digital Preservation: A Review of Alternatives and Issues**

CENDI cooperates with numerous other organizations

- Mission agencies
- Executive policy agencies
- Legislative branch agencies
- Judicial branch agencies
- Interagency groups
- Non-governmental organizations
- Private sector organizations

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About CENDI

WELCOME TO THE CENDI WEB SITE

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mber federal STI agencies a cooperative
ared and challenges are faced together so that
ater than each individual agency can achieve on

science.gov
Supported by CENDI

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CENDI is an interagency working group of senior Scientific and Technical Information (STI) Managers from 12 U.S. federal agencies:

- Defense Technical Information Center (Department of Defense)
- Office of Research and Development &
  Office of Environmental Information (Environmental Protection Agency)
- Government Printing Office
- NASA Scientific and Technical Information Program
- National Agricultural Library (Department of Agriculture)
- National Archives and Records Administration
- National Library of Education (Department of Education)
- National Library of Medicine (Department of Heath and Human Services)
- National Science Foundation
- National Technical Information Service (Department of Commerce)
- Office of Scientific and Technical Information (Department of Energy)
- USGS/Biological Resources Discipline (Department of Interior)

These programs represent over 96% of the FY04 federal research and development budget.

The CENDI web site is hosted by the Defense Technical Information Center (DTIC), and is maintained by the CENDI secretariat. You may send your comments to the webmaster.

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"Without groups like [CENDI], the Information Infrastructure Initiative would have ended up a network looking for an application; CENDI provides the policy focus for both general STI needs and the specific applications in health, space, energy, defense, and insight into the needs of industry."

~ ***Lewis M. Branscomb***

Former Director of the Science, Technology, and Public Policy Program of the JFK School of Government at Harvard